# ITALIAN COMPANIES AT

#### **FUTURE ENERGY ASIA 2023**

Bangkok, May 17<sup>th</sup> – 19<sup>th</sup>, 2023







#### Welcome Address by the Ambassador of Italy to Thailand

I am glad to welcome the Italian companies participating in Future Energy Asia 2023, an important exhibition devoted to energy transition and transformation.

Energy is a key factor for economic growth, as production and consumption activities heavily rely on it. Today worrisome developments on the global scale – from climate change to geopolitical crises – could jeopardize access to energy sources. That is why we need to find new paradigms of growth starting from sustainable production and renewable energies.

The Italian Government – through the National Recovery and Resilience Plan (NRRP) in the framework of Next Generation EU – has bet on digital and green transition. The NRRP, among other things, encourages the use of renewable energy



sources by providing the necessary infrastructure for their integration into the national electricity system and for powering electric vehicles. These actions will contribute to the achievement of the EU's ambitious objectives in reaching net zero emissions and in the fight against climate change.

Energy transition is at the core of Thailand's economic policy too, which promotes the Bio-Circular-Green economic model (BCG). Thailand has committed to reach carbon neutrality by 2050 and net zero greenhouse gas emissions by 2065. It also pledged to enhance its Nationally Determined Contribution to reduce emissions by 30-40% in 2030, in order to attain carbon neutrality. The Thai government has thus set the goal of reaching 30% of its energy consumption from renewable energy by 2037, also through incentives for investment projects in sustainable production and renewable energies.

I deem that the complementarity between our economic systems and the shared goals on energy transition can pave the way to an interesting collaboration between Italian companies and their counterparts in this part of the world, which is growing at a fast pace. I am sure that the know-how of Italian companies of the energy sector will be widely appreciated in Thailand.

Wishing you all the success in this market, I confirm the Embassy's availability – together with the Italian Trade Agency in Bangkok – to support you in your activities not only in Thailand, but also in Cambodia and Laos.

#### Paolo Dionisi

Ambassador of Italy to the Kingdom of Thailand

#### Welcome Address by the Trade Commissioner of Italian Trade Agency Thailand

Dear visitors,

It gives me great pleasure to welcome the 13 participating Italian companies and visitors to Future Energy Asia 2023, the region's premier energy transformation exhibition and summit in Bangkok.

In 2023, Thailand is going to adopt the Power Development Plan (PDP) 2023-2037, formalizing its commitment on energy transition strategy at COP27 in 2022 to reach carb on neutrality by 2050 and net zero GHG emissions by 2065, emphasizing the agendas that Thailand needs assistance and support, especially advanced technology transfer and climate change adaptation and mitigation.

I am sure that all the Italian enterprises exhibiting at our Pavilion will bring an interesting and useful cutting - edge technology and advanced expertise in various sectors and,



in particular, the areas of power plants operation, engineering and design, combustion technology, oil and gas, power electronics, and consulting services to serve the growing demand of power development in Thailand and in the whole ASEAN Area.

As the Italian Trade Commissioner, I will be available at the Italian Pavilion, along with my staff, to provide any additional information and assistance, to facilitate the business between you and the participating companies.

This catalogue also includes a summary of the businesses exhibiting as part of the Italian Pavilion as well as their company profile, products and contact information.

I genuinely wish you a great experience at Future Energy Asia 2023.

Giuseppe Lamacchia

Italian Trade Commissioner in Bangkok



## TRADE AND INVESTMENT OPEN DOORS TO A WORLD OF OPPORTUNITIES

L'ICE-Agenzia per la promozione all'estero e l'internazionalizzazione delle imprese italiane è l'organismo attraverso cui il Governo favorisce il consolida-mento e lo sviluppo economico-commerciale delle nostre imprese sui mercati esteri. Agisce, inoltre, quale soggetto incar icato di promuovere l'attrazi-one degli investimenti esteri in Italia. Con una organizzazione dinamica motivata e moderna e una diffusa rete di uffici all'est-ero. l'ICE svolge attività di infor- mazione, assistenza, consulenza, promozione e formazione alle piccole e medie imprese italiane. Grazie all'utilizzo dei più moderni strumenti di promozione e di comunicazione multicanale, agisce per affermare le eccellenze del Made in Italy nel mondo.

ITA - Italian Trade Agency is the Governmental agency that supports the business development of our companies abroad and promotes the attraction of foreign investment in Italy.

With a motivated and modern organization and a widespread network of overseas offices, ITA provides information, a ssistance, consulting, promotion and to Italian small training and medium-sized businesses. Using the most modern multi-channel promotion and communication tools, it acts to assert the excellence of Made in Italy in the world















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Company name: CEMP SRL

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Website: www.cemp.eu

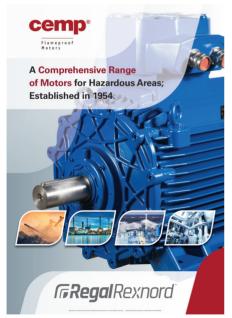
cemr

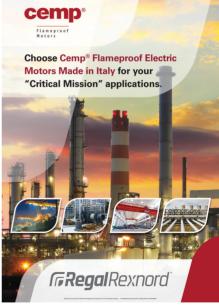
Flameproof

Motors

Contact: Andrea Pompiglio, Andrea.Pompiglio@RegalRexnord.com

CEMP SRL established in 1954, Cemp was among the first companies in Italy to manufacture flameproof motors. Over the years, the product range has broadened introducing flameproof motors with brake, electric pumps for printing machines, flameproof motors for Group IIC gases and for mining. In 2014 Cemp has been acquired by Regal Rexnord Corporation. Cemp offers, besides standard products, a consulting and engineering service to offer "tailor made" special motors to customers' requirements. Visit our website www.cemp.eu





Company name: COMBUSTION AND ENERGY SRL

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Tel. +39 0341260926 E-mail: info@ce2k.com Website: www.ce2k.com COMBUSTION AND ENERGY

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Since 1988 **COMBUSTION AND ENERGY SRL (C.E.)** produces electrical equipment for hazardous area in the field of detailed Engineering, Combustion, Energy, Chemical and Petrochemical. In order to offer our customers cost-effective complete systems, we have designed our own complete range of certified explosion-proof enclosures Ex db IIC, as well as Ex db IIB + H2 (for use with IIB gas and also hydrogen), suitable to contain electrical devices, available in aluminium or SS316 stainless steel, customizable with windows and operators.Our enclosures are certified ATEX, IECEx, EAC TR CU, UKCA and CSA / UL. In addition to EJB and GUB, C.E. offers a series of accessories for installations in Ex zones: junction boxes, control stations, connection boxes, instrument boxes.

With the brand LUXSOLAR, C&E also produces Aircraft Warning Lights (AWL) both for safe and hazardous area, aeronautical beacons, heliport lights and marine aids to navigation.

### MEDIUM INTENSITY AIRCRAFT WARNING LIGHTS FOR HAZARDOUS AREA







ENCLOSURES Ex db IIC - GUB
Aluminium and Stainless Steel



Aluminium



Stainless Steel

### ENCLOSURES Ex db IIB+H<sub>2</sub> - EJB Aluminium and Stainless Steel



Aluminium



Stainless Steel

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**FORITEX** has been serving the Oil & Gas (onshore, offshore, sub-sea), Power Plants (conventional and nuclear) and Process & Chemicals Industries for more than 40 years.

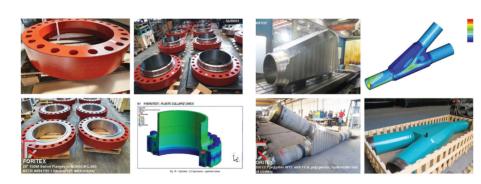
FORITEX designs, produces and supplies tailor made piping components and pipe spools in accordance with International Standards (ASME, ASTM, EN...etc.), Customers' drawings and/or designed to comply with project's requirements and applicable data sheets.

Our own production of non-standard piping components and fabrication/assembly, coupled with our supply network give FORITEX the capability to offer full project packages.

FORITEX offers professional engineering support and can assist in all aspects of design, calculation, analysis and verification using CAD and latest 3D solid modeling software (with Finite Elements Analysis).

To better understand FORITEX's capabilities, visit our website at www.foritex.it.

We look forward to be given the opportunity to prove our capabilities to you.



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**GIVA** – Gruppo Industriale Vienna Antonio is an Italian family-owned group founded by Mr. Antonio Vienna in the 1960s. The Group is worldwide leader in manufacturing of steel products including ingots, forgings, valves, and actuators, and it boasts consolidated skills, know-how, technologies, and records. It is a network of complementary industrial plants in the north of Italy, but with international commercial relationships.

**End markets** | The Group companies deliver value to projects and needs in the construction of large-scale infrastructure, energy system, plants, and machinery. The markets of greatest interest are those who drive the growth of social and economic development worldwide, and are related to power generation, petrochemicals, oil & gas, materials processing, and transportation.

**Corporate Social Responsibility** | GIVA believes integrating sustainability into business strategies is fundamental for a long-term vision. The Group is committed to publish its **Sustainability Report** on an annual basis.

STEEL MELTING





**FORGING** 







OEM







Company name: HITEKS

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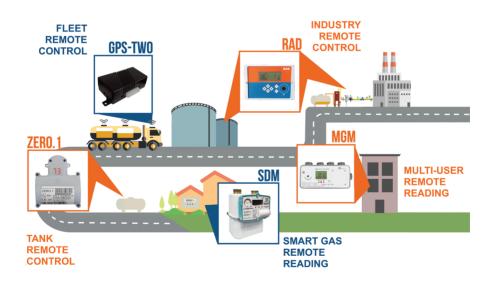
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**HITEKS** offers a full line card of devices and services for Tank Remote Control, Energy Management and Fleet monitoring. Our main business area: flow computer for pipe and OIL&GAS tank pressure/level remote monitoring and Fleet remote monitoring. Our mission: we help businesses grow through online connections, telemetry, data management and energy measurement. Design and Production: we lead, shape, design, build, distribute and update day by day a wide range of telemetry equipment and the more developed platform for Oil&Gas Industry. Our technology today is installed in more than 50 different countries in 4 continent



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Established in 1983, **HT** has built its reputation on high quality, innovation, and customer service, thus rapidly earning a leading role in the international market. Instruments for power quality analysis, as well as electrical systems and electrical vehicle charging stations safety testing made by HT are conceived to meet the need of the most demanding installers, combining measuring precision and easy use. An history of ideas, innovation and passion now enriched by a brand new family of instruments for performance verification, testing and troubleshooting photovoltaic systems and components: a groundbreaker which will set the trend for a new generation. Attention to detail as well as the end users requirements are cornerstones featuring HT products which are inclusive, innovative, user-friendly with the qualified technical support that only a manufacturer such as HT is able to provide.



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**Nidec** Industrial Solutions is a multinational, with headquarters in Italy and numerous branches worldwide, established in 2012 following the acquisition of Ansaldo Sistemi Industriali S.p.A. (ASI) by Nidec Corporation. Nidec Industrial Solutions is today a commercial platform of the Nidec group which offers complete electrical systems oriented towards optimizing consumption and which lead it to be at the forefront of energy storage projects, including hydrogen, in the electrification of port docks and in the installation of charging stations for electric vehicles, with numerous collaborations with leading partners in their respective sectors.





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REPCo is a comprehensive multisystem end-to-end process design house for the energy of today and tomorrow. Through its years of field experience. REPCo is able to provide in-house facilities that cover the wide process engineering needs of Multi-gas industries, all under one roof.

Based in Milan, the Italian company offers stand-alone equipment and modular process plants for energy and power project of any size. In particular, it covers the design, supply and startup site support of packaged gas, oil and power related systems, together with associated equipment for the international marketplace.

REPCo's knowhow enables overall flexibility to support the continuously developing needs of the energy transition and the ever-changing market conditions. As well as supplying various types of walled vessels in various thicknesses as the demands dictate. REPCo also provides immediate support on issues - such as mechanical, electrical, instrumentation, and control by using established capabilities in both engineering and fabrication.





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RIA

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With 160 years of experience, **RINA** is a multinational company that helps clients build strong and successful businesses. Through a global network of 5.300 talented professionals operating in 70 countries, we support organizations through their energy transition journey.

Our solutions help all energy players meet their environmental targets and ensure compliance with the highest standards and we combine innovation and safety to ensure sustainable growth for companies throughout their project development. We support them to environmentally characterize the site, design interventions, mitigate the environmental and social impacts of their projects, in order to enhance their competitiveness and ultimately strengthen the value of their assets.





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SAER is Italian pump and motor manufacturer with over 70 years of experience in the market. The range is made in Italy and it is the ideal choice to cover several different fields of application such as civil, mining, agriculture, RO, O&G thanks to different metallurgies available (cast iron, SS, super duplex, bronze etc). In the last decade, SAER heavily invested in the research and development of optimal solutions for water treatment, increasing the flexibility of the pumps range, widening the offer through highly personalized products in order to meet customers 'needs. It is crucial to select the right pump on the basis of performances and materials. The importance of looking for the right material is sometimes underestimated: cheaper materials could lead to problems (costs of maintenance or replacing), while selecting for a well-built, reliable pump will have lower lifecycle costs, SAER team can follow the customers step by step in the process of product selection according to their specific needs. SAER range includes: Pump as Turbine to generate low cost electricity from existing pipe system, split casing pumps for high flow requests, end suction, multistage pumps to cover high pressure, submersible pumps, sewage pumps and surface/submersible motors. Thanks to the Italian production SAER is able to offer incredible lead time even on taylor made solutions.







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SCAM is leader in the field of power generation, petrochemical and chemical industries since 1930 and it has got a wide experience in designing, planning and manufacturing the following equipment: Deaerators; Steam Condensers; Water Heaters; Heat Exchangers; Sea Water Distilling Evaporators (Multiflash, Ejecto-Compressors, Heat Recovery from Diesel Engines, Reverse Osmosis type); Air, Water and Oil Coolers; Vacuum Electro-Pumps; Steam Air Ejectors and Vacuum Groups; Thermo-compressors; Condenser Tube Cleaning Systems; Automatic Self-Cleaning Oil Filters; Salinometers. These apparatus have been adopted in the fields of Power Generation as well as in Petrochemical and Chemical Industries, Steel Mills and Shipyards. Their technical and economical validity is so high that, among our main Customers, we can boast very important Italian and foreign Engineering Companies and End Users.











Company name: SEBIGAS RENEWABLE ENERGY SRL

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Lean and Green

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Since 2008 Sebigas designs, builds and manages biogas and biomethane plants worldwide.

Sebigas boasts a portfolio of 84 biogas plants, with electrical and biomethane production modules and 98,2% plant availability at maximum power.

Supported by the strong industrial experience and international attitude of Chinese TICA Group, Sebigas works as EPC contractor for the construction of turnkey plants and provides project development support in the role of technology provider.

Sebigas offers agricultural, industrial, waste and wastewater related enterprises tailored solutions for the production of sustainable energy and biofuels, offering business planning support, biological and technological consultancy and plant operation and maintenance for the complete biogas project development.

Sebigas implements the anaerobic digestion technology, installing a specific reactor according to the types, quantities and characteristics of the biomasses the clients has. The best reactor is selected choosing from CSTR (Continuous-Flow Stirred Tank Reactor), anMBBR (anaerobic Moving Bed Bio Film Reactor), CLR (Covered Lagoon Reactor) and PFR (Plugflow Reactor).









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**Vanzetti Engineering** is an Italian company active in the design and construction of cryogenic equipment for Liquefied Natural Gas (LNG) and industrial gases (LIN, LOX, LAR).

Thanks to the expertise acquired over the years, Vanzetti Engineering has developed a complete range of cryogenic pumps and components for its main business sectors: Automotive, Industrial and Marine. Vanzetti Engineering solutions are used in numerous types of applications, including:

- feed systems for marine engines and ship refueling
- · LNG / L-CNG filling stations
- transferring systems from tank trucks and fixed tanks
- satellite stations with supply and support to the gas pipeline network, including power plants
- filling of air cylinders (LIN, LOX, LAR) in medium and high pressure for industrial, food and medical application





#### **FUTURE ENERGY ASIA 2023**

#### **FLOOR PLAN**



# ITALIAN PAVILION AT FUTURE ENERGY ASIA 2023

HT INSTRUMENTS EC15	CEMP EC16	
VANZETTI ENGINEERING EC13	NIDEC INDUSTRIAL SOLUTIONS EC14	
SCAM EC11	ITA COFFEE STATION	
ITA AREA EC09		

REPCO ED15	RINA CONSULTING ED16
SEBIGAS RENEWABLE ENERGY ED13	HITEKS ED14
FORITEX ED11	COMBUSTION AND ENERGY ED12



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